

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B21D43/05

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B21D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 198 01 731 A1 (MUELLER WEINGARTEN AG, 88250 WEINGARTEN, DE) 22 July 1999 (1999-07-22) cited in the application column 3, line 27 - column 5, line 10; figure 2a	1
A	EP 1 040 881 A (MUELLER WEINGARTEN AG) 4 October 2000 (2000-10-04) column 5, line 1 - line 46; figure 4	1
A	DE 196 36 822 A1 (UMFORMTECHNIK ERFURT GMBH, 99086 ERFURT, DE) 12 March 1998 (1998-03-12) the whole document	1

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

1 April 2005

Date of mailing of the international search report

11/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Ritter, F